ABSTRACT

A method and apparatus is disclosed for the anchoring of a pipe in a ground hole, such in an oil or gas well application. A first pipe is extended down the hole with its bottom end above the bottom of the hole, defining a gap. A cover plate is sealed to the top end of the first pipe. A second pipe is inserted through a throat in the cover plate such that its bottom end is in proximity to the bottom end of the first pipe. The inner annular space between the first and second pipes is filled with water and cementitious slurry is then pumped down the second pipe, to ascend in the outer annular space between the first pipe and walls of the hole until the outer annular space is substantially filled with the cementitious material. The second pipe can then be removed. Also disclosed is a cover plate apparatus for use in the anchoring of a pipe in a ground hole in accordance with the disclosed method.

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